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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/033,488

12/27/2001

Ran M. Oz

005079.P019

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10/04/2005

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EXAMINER

BLOUNT, STEVEN

ART UNIT	PAPER NUMBER
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2661

DATE MAILED: 10/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/033,488

Applicant(s)

OZ, RAN M.

Examiner

Steven Blount

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1 - 28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. Claims 1, 13, and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. patent 6,401,242 to Eyer et al.

Eyer teaches receiving non-addressable (MPEG) packets, and converting them to addressable packets (multicast, see col 16 lines 55+: "An IGPT configuration parameter "Trickle_Multicast16_Address_Base" defines the address base to be used when constructing the multticast16_address field in MPEG-2 messages". See also col 19 lines 15+. These packets must comply with the parameters of the network protocol as defined in the various parameters listed in columns 15 – 20, including the designation of the frequency that must be used to transmit the information, as mentioned in col 17 lines 49+.

Blocking non-selected packets is mentioned throughout the patent, including in col 21 lines 53+ (filtering) and col 17 lines 20+. The data is then "routed" to the display 195, as shown in figure 1. Although it is not explicitly stated that a user requests that the cable programming information be sent to it, one of ordinary skill in the art would find it obvious that to be of any use at all, a listing of programs offered by the cable company must be requested by the user.

With regard to claim 13, see the rejection above.

With regard to claim 21, note the above, in addition to RF transmitter 110.

2. Claims 1 – 12 and 21 – 28 are rejected under 35 U.S.C. 103(a) as being obvious over U.S. patent 5,666,487 to Goodman.

Goodman teaches receiving MPEG packets and associating them with VPI/VI addresses (col 14 lines 25+, col 15 lines 15+) that comply with transmission parameters and specifications of the network protocols (col 14 lines 55 – 60) and filtering the data (col 8 lines 2+) and routing the data to the individual digital terminals 202. although it is not explicitly stated that the user selects signals to have the data routed to it, one of ordinary skill in the art would recognize that it would be obvious for the user to do this in order to be able to receive the broadband signals.

With regard to the following claims, note the following: CI 2: available bandwidth: see col 9 line 8. CI 3: availability of processing is related to the bandwidth. CI 4: compressing the data is discussed at various places in the patent. CI 5: see discussion of multicasting above. CI 6: see col 14 lines 50+. CI 7: see col 13 lines 35+ where TCP/IP is mentioned. CI 8 - 9: see member 901 in figure 9. CI 10: col 13 lines 30+ discusses multiplexing/demultiplexing. CI 11: see the video monitor 202. CI 12: see the discussion of the vpi/vci identifiers above. With regard to claim 21, note the above, in addition to the tuner (901) shown in figure 9. With regard to claims 22 – 28, see the rejections above.

3. Claims 13 – 20 are rejected under 35 U.S.C. 103(a) as being obvious over U.S. patent 6,178,455 to Schutte et al.

With regard to claim 13, Schutte et al teaches receiving cable media packets and converting them to LAN packets in col 8 lines 35 to more, and more specifically in col 9 lines 20 to 42 where packaging into Ethernet frame packets is mentioned. While the “selection signals” are not explicitly mentioned in Schutte et al, in col 2 lines 18+ it is

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mentioned that it is well known in the prior art that people "fetch" data from computers from remote locations, such that one of ordinary skill in the art would find it obvious that the cable information requested by the user, said information ultimately packaged, is requested in response to the use of "selection signals" by the user.

With regard to claim 14, see the above, and col 7 lines 1+ and note that it would be obvious to route data packets as well as media packets.

With regard to claim 15, see members 107 in figure 1.

With regard to claim 16, see col 7 lines 60+.

With regard to claims 17 – 20, bandwidth, capacity, and compression are all well known parameters used to tune a transmission of a video.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven Blount whose telephone number is 571 - 272 - 3071. The examiner can normally be reached on M-F 9:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Chau Nguyen, can be reached on 571 – 272 - 3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.


Ajit Patel
Primary Examiner

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).